

FRIEDMAN & BRUYA, INC.**ENVIRONMENTAL CHEMISTS**

Date of Report: July 22, 1994
Date Received: July 20, 1994
Project: 7238, Metro Self Monitor, PO #M35375
Date Samples Extracted: July 20, 1994
Date Extracts Analyzed: July 21, 1994

**RESULTS FROM THE ANALYSIS OF 7THE WATER SAMPLE
FOR CHROMIUM, COPPER, NICKEL AND ZINC**
Results Reported as mg/L (ppm)

| <u>Sample ID</u> | <u>Chromium</u> | <u>Copper</u> | <u>Nickel</u> | <u>Zinc</u> |
|------------------|-----------------|---------------|---------------|-------------|
| M35375 | 1.9 | 1.7 | 1.4 | 0.22 |

Quality Assurance

| | | | | |
|--|-------|-------|-------|-------|
| Blank | <0.05 | <0.05 | <0.05 | <0.05 |
| M35375 (Duplicate) | 1.8 | 1.5 | 1.4 | 0.12 |
| M35375 (Matrix Spike) % Recovery | 83% | 89% | 90% | 88% |
| M35375 (Matrix Spike Duplicate) % Recovery | 89% | 93% | 90% | 88% |
| Spike Blank % Recovery | 96% | 101% | 97% | 93% |
| Spike Level | 5 | 5 | 10 | 5 |

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman
James E. Bruya, Ph.D.
(206) 285-8282

3012 16th Avenue West
Seattle, WA 98119-2029
FAX: (206) 283-5044

July 22, 1994

Gerald Thompson, Project Leader
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

Dear Mr. Thompson:

Enclosed are the results from the testing of material submitted on July 20, 1994
from Project 7238, Metro Self Monitor, PO #M35375.

We appreciate this opportunity to be of service to you and hope you will call if you
should have any questions.

Sincerely,



Bradley T. Benson
Chemist

BTB/dp

Enclosures

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

**Andrew John Friedman
James E. Bruya, Ph.D.
(206) 285-8282**

**3012 16th Avenue West
Seattle, WA 98119-2029
FAX: (206) 283-5044**

DUPLICATE COPY

July 22, 1994

INVOICE # 94ACU0722-1

**Alaskan Copper Works
628 South Hanford
Seattle, WA 98134**

**RE: Project 7238, Metro Self Monitor, PO #M35375: Results of testing requested
by Gerald Thompson, Project Leader for material submitted on July 20, 1994.**

**1 soil sample analyzed for Chromium, Copper, Nickel,
and Zinc @ \$65 per sample**

\$ 65.00

Amount Due

\$ 65.00

07.BTB.AI
07/20/94
11:15